

Guignardia citricarpa - Pathogenic

CITRUS 2-3

SSU

TTTCCGTAGGTGAACCTGCGGAAGGATCATTACTGAAATACGTAATCCTGAAAGG
TGATGGAAGGGAGGCCTTAAAAAAGCCGCCCGACCTACCTTCACACCCTTGTGT ITS1
ATCTACCATGTTGCTTTGGCGGGGCCGACCCGGTTTTGACCCGGGGCGGTCGGCG
CCCCCAGCCTAGTCTCTAGGCCAGGACGCCTGGCTAAGTGCCCGCCAGTATACA
AAACTCCAGCGATTATTCTGTGTAGTCCTGAGAATTCATTTAATGAAATAAACTTT 5.8S
CAACAACGGATCTCTTGGTTCTGGCATCGATGAAGAACGCAGCGAAATGCGATA
AGTAATGTGAATTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCACATTGCGC
CCCCTGGCATTCCGGGGGGGCATGCCTGTTTCGAGCGTCATTCAACCCTCAAGCT ITS2
CTGCTTGGTATTGGGCGACGTCCGCTGCCGGACGCGCCTGGAAGACCTCGGCG
ACGGCGTCTCAGCCTCGAGCGTAGTAGTAAATATCTCGCTTTGGAGGAGGGGG
GCGCTGGCCGCCGGACAATCGACCTTCGGTCACTATTTTCCAAGGTTGACCTC
GGATCAGGTAGGGATACCCGCTGAACTTAAGCATATCAATAAG LSU

Figure 1

Guignardia citricarpa - Non-pathogenic

CITRUS 1-4

SSU

TTCCGTAGGTGAACCTGCGGAAGGATCATTACTGAAATGTAATAACTTCTATTGAA
AGGTTCCAGAGTAGGCGCTACAACGCCGAAATGACCTTCTCACCCTTGTGTACTC
ACTATGTTGCTTTGGCGGGTCGACCTGGTTCCGACCCAGGCGGCCGCGCCCC
CAGCCTTAACTGGCCAGGACGCCCCGGCTAAGTGCCCGCCAGTATACAAAACCTCA
AGAATTCATTTTGTGAAGTCCTGATATATCATTTAATTGATTAAACTTTCAACAAC
GGATCTCTTGGTTCTGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAATGT
GAATTGCAGAATTCAGTGAATCATCGAATCTTTGAACGCACATTGCGCCCTCTGG
TATTCGGGAGGGCATGCCTGTTTCGAGCGTCATTCAACCCTCAAGCTCTGCTTGG
TATTGGGCAACGTCCGCTGCCGGACGTGCCTTGAAGACCTCGGCGACGGCGTC
CTAGCCTCGAGCGTAGTAGTAAATATCTCGCTTTGGAGTGCTGGGCGACGGCC
GCCGGACAATCGACCTTCGGTCTATTTTCCAAGGTTGACCTCGGATCAGGTAGG
GATACCCGCTGAACTT

ITS1

5.8S

ITS2

LSU

Figure 2